

**METHODS AND DEVICES FOR RECONSTRUCTING VISUAL  
STIMULI OBSERVED THROUGH BROWSER-BASED INTERFACES  
OVER TIME**

**ABSTRACT**

5           In one embodiment, the invention allows an operator to identify a  
specific article of online-content to be reconstructed and displayed, and specify  
a duration of time to be used when graphically representing what areas of the  
visual stimuli were actually visible to the user. First, the operator selects an  
10       article of online-content based on its original network address, or from a  
substitute name from a database that contains a record of all online-content  
visited by the original user. Next, the operator enters a specific duration of time  
to reconstruct, preferably by using slider-bar, a timeline equal to duration,  
preferably the maximum duration, that the online content was visible to the  
original user. Next, the user selects from various compositions that can be used  
15       to represent the visual stimuli as it was originally displayed to the user. Finally,  
the original visual stimuli displayed to the user is recreated based on the article  
of online content and period of time specified, using the selected form of  
composition. In yet another embodiment, the invention is a method for  
retrieving multiple instances of an article of online content from a database of  
20       previously recorded content. In yet a further embodiment, the invention is a  
method for reconstructing visual stimuli as originally displayed to a user as one  
form of composition. Still another embodiment of the invention is a method for  
reconstructing a field of visual stimuli that could be observed by a user as one  
form of composition.